

REMARKS

This paper is being provided in response to the Final Office Action dated December 10, 2008, for the above-referenced application. In this response, Applicant has amended claims 14 and 27 to clarify that which Applicant considers to be the presently-claimed invention. Applicant respectfully submits that the amendments to the claims are fully supported by the originally-filed specification, consistent with the discussion herein.

The objection to claim 27 under 35 U.S.C. 112, second paragraph, as being indefinite has been addressed by amendments contained herein in accordance with the guidelines set forth in the Office Action. Accordingly, Applicant respectfully requests that the rejection be reconsidered and withdrawn.

The rejection of claims 1-6 and 8-39 under 35 U.S.C. 103(a) as being unpatentable over JP 2000-236375 to Iizuka (the English translation of which, previously provided by Applicant, is hereinafter referred to as "Iizuka") in view of U.S. Patent No. 6,085,112 to Kleinschmidt (hereinafter "Kleinschmidt") is hereby traversed and reconsideration is respectfully requested.

Independent claim 1 recites an information communication terminal including image display means for displaying images. Image projection means projects images onto an external projection screen. Control means controls the image projection means in response to processing of communication information. Data memory means for stores data of dedicated images for projection which are different from the images displayed by the image display means. The control means controls the image projection means to read out data of a dedicated image for

projection from the data memory means when projecting images, and project the dedicated image for projection in response to the processing of the communication information, and wherein the dedicated image projected onto the external projection screen in response to the processing of the communication information is independent of the images displayed by the image display means in response to the processing of the communication information. Claims 2-13 depend directly or indirectly from independent claim 1.

Independent claim 14, as amended herein, recites an information communication terminal including a display that displays first images and an image projector that projects second images. A controller is coupled to the image projector that controls projection of the second images in response to processing of communication information. A memory stores data of the second images, wherein the controller reads the data of the second images from the memory, and controls the image projector to project at least one of the second images onto an external surface in response to the processing of the communication information, and wherein the at least one of the second images projected onto the external surface in response to the processing of the communication information is independent of the first images displayed by the display in response to the processing of the communication information. Claims 15-26 depend directly or indirectly from independent claim 14.

Independent claim 27, as amended herein, recites a method for information communication including processing communication information. A first image is displayed on a display of an information communication terminal in response to processing of the communication information. A second image is obtained from a memory of the information communication terminal in response to the processing of the communication information. The

second image is projected onto an external surface, wherein the second image projected onto the external surface is independent of the first image displayed on the display in response to the processing of the communication information. Claims 28-39 depend directly or indirectly from independent claim 27.

Iizuka discloses a portable telephone system with projector. A portable telephone set includes a projector part, a liquid crystal image for projecting a text and an image corresponding to the transmission/reception information of the portable telephone set. Iizuka's device addresses the stated problem of when information displayed on a display of a telephone cannot be seen when talking on the telephone, and provides for copying out text and image according to transceiver information of the portable telephone and projecting the text and image. (See, for example, paragraphs 0003-0006 of Iizuka.) The Office Action notes that Iizuka does not disclose features of dedicated images for projection which are different from images displayed by the image display means, nor that the dedicated image projected onto the external projection screen in response to the processing of the communication information is independent of the image displayed by the image display means in response to the processing of the communication information.

Kleinschmidt discloses a communication device that includes speech input and output devices, image display devices and a computer. The Office Action cites to Kleinschmidt as disclosing dedicated images the above-noted features indicated as missing from Iizuka, citing specifically to figs 1-5, col. 5, lines 41-49, col. 6, lines 28-43 and 64-67 of Kleinschmidt.

As noted above, the Office Action states that Iizuka does not disclose features of dedicated images for projection which are different from images displayed by the image display means, nor that the dedicated image projected onto the external projection screen in response to the processing of the communication information is independent of the image displayed by the image display means in response to the processing of the communication information, and then cites to Kleinschmidt in connection with these features. Specifically, referring to Figure 3 of Kleinschmidt, the Office Action cites to a number display, an image display screen (BAV), a prism (PR), and a virtual image (J).

The virtual image (J) in Kleinschmidt is an image of the display screen that is seen by a user looking through the prism (PR). Applicant respectfully submits, however, that the virtual image is not actually a projected image as that term would be understood by one of ordinary skill in the art. The image of Kleinschmidt is not projected onto an external screen or surface as is recited by Applicants. Kleinschmidt discloses a device with multiple display screens, one of which displays data which may be useful to a user while he is holding a mobile telephone to his ear. Since the display screen BAV is located on the device, in order to enable the user to see the display while using the phone, the Kleinschmidt device uses prisms and mirrors to direct the user's line of vision onto the display screen BAV of the device. The image is only visible to a user when his eye is in a very specific position. A user whose eye is not in the correct position would not see the virtual image because the user's line of sight would not be directed to the image. In contrast, Applicant's presently-claimed invention concerns projected images that are themselves formed on an external screen or surface and therefore viewable by someone looking at the external screen or surface. In accordance with the above and that which is claimed in

independent claim 1, Applicant has clarified in claims 14 and 27 that the projected images are projected onto an external surface.

Unlike the operation provided by the device of Kleinschmidt, Applicant particularly notes that the presently-claimed invention advantageously allows a user to be alerted to that fact that he has an incoming notification when the user is away from the phone, and this is accomplished through the use of projected images that are projected from the phone onto an external surface. Applicant has further found it advantageous to have different images for display versus the images projection, and specifically, the images for projection may be designed to attract the attention of the user when projected onto a screen or surface, such as different shades and/or colors of images, and so may be different from, and have purpose distinct from, the images used on the display. (See, for example, page 19, line 19 - page 20, line 10 of the originally-filed specification.)

Accordingly, Applicant respectfully submits that Iizuka and Kleinschmidt, taken alone or in combination, do not teach or fairly suggest at least the above-noted features as claimed by Applicant. In view of the above, Applicant respectfully requests that the rejection be reconsidered and withdrawn.

The rejection of claims 7 under 35 U.S.C. 103(a) as being unpatentable of Iizuka and Kleinschmidt in view of U.S. Patent App. Pub. No. 2004/0204126 to Reyes, et al. (hereinafter "Reyes") is hereby traversed and reconsideration is respectfully requested.

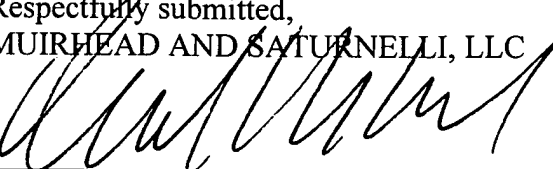
The features of independent claim 1 are discussed above in connection with Iizuka and Kleinschmidt. Claim 7 depends therefrom.

The Reyes reference discloses a wireless mobile device with multiple, independently oriented display screens. The Office Action cites specifically to paragraphs 0034 and 0035 of Reyes as disclosing multiple individual images which are different from each other displayed on each display unit.

Applicant respectfully submits that Reyes does not overcome the above-noted deficiencies of Iizuka and Kleinschmidt with respect to Applicant's presently-claimed invention. Reyes does not disclose, nor is Reyes cited by the Office Action in connection with, Applicant's recited features that are discussed above with respect to Iizuka and Kleinschmidt. Accordingly, Applicant respectfully submits that Iizuka, Kleinschmidt and Reyes, taken alone or in any combination, do not teach or fairly suggest at least the above-noted features as claimed by Applicant. In view of the above, Applicant respectfully requests that the rejection be reconsidered and withdrawn.

Based on the above, Applicant respectfully requests that the Examiner reconsider and withdraw all outstanding rejections and objections. Favorable consideration and allowance are earnestly solicited. Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at 508-898-8603.

Respectfully submitted,
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